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FEDERAL COMMUNICATIONS COMMISSION  
WASHINGTON, D.C. 20554

22 DEC 1993

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IN REPLY REFER TO:

7330-7/1700A3

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DEC 22 1993

Honorable John McCain  
United States Senate  
111 Russell Senate Office Building  
Washington, D.C. 20510

FEDERAL COMMUNICATIONS COMMISSION  
OFFICE OF THE SECRETARY

Dear Senator McCain:

This is in response to your letter of November 30, 1993, in which you inquired on behalf of your constituent, Mr. Claude Leaym, regarding the Notice of Proposed Rule Making (Notice) in PR Docket No. 92-235, 57 FR 54034 (1992). Your constituent is specifically concerned about the potential impact of our final rules on radio remote controlled race car hobbyists.

Radio controlled model users have shared spectrum on a secondary basis with industrial users for over 25 years. The low power industrial user and the radio control hobbyists effectively share spectrum through geographic separation. We are enclosing the Report and Order in GEN Docket 82-181, 47 FR 51875 (1982), which provided the current 30 channels for radio controlled model surface vehicles. These rules, adopted at the behest of the radio control community, provide no protection from interference from licensed sources. We further note that the radio environment is inherently hazardous and that even primary allocations suffer from problems.

The Commission is seeking to work with all parties on this matter. To this end, FCC staff has met with industry groups representing radio control users to discuss their concerns and methods of expanding capacity for private land mobile radio users without affecting radio control users.

Thank you for your interest. We expect to issue final rules in this proceeding in 1994.

Sincerely,

/s/

Joseph A. Levin  
Chief, Policy and Planning Branch  
Private Radio Bureau

Enclosure

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JOHN MCCAIN  
ARIZONA

United States Senate

WASHINGTON, D.C. 20510

November 30, 1993

PRB  
92-235  
4961

Ms. Laura Belzin  
Congressional Liaison  
Federal Communications Commission  
1919 M Street, NW  
Washington, D.C. 20554

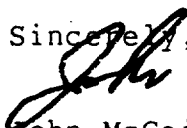
Dear Ms. Belzin:

I have enclosed an inquiry which I have received from Claude Leaym of Mesa, Arizona.

I would greatly appreciate it if you would review this material within existing rules, regulations and ethical guidelines. Please provide me with a prompt response addressing this issue.

PLEASE MARK THE ENVELOPE TO THE ATTENTION OF: Bettina Celaya in my Washington office, 111 Russell Senate Office Building, Washington, D.C. 20510. Thank you very much for your kind assistance and cooperation.

Sincerely,

  
John McCain  
United States Senator

JM/bc  
Enclosure

TO  
FROM  
DATE  
TIME  
BY

From: Claude Leaym

1432 W. Emerald #634

Mesa AZ, 85202

Regarding: "Notice of Proposed Rule-Making"

(NPRM-PR Docket 92-235)

To: Senator John McCain

U.S. Senate Washington D.C.

20510

9-10-93

I am a twenty-three year old engineering student at Arizona State University.

It has come to my attention that the FCC plans a massive frequency restructuring to insert two new frequencies between those presently assigned for radio controlled (R/C) hobbies. This concerns me because my hobby is R/C racing. This is a sport in which the racer controls a 1/10 scale model race car with a transmitter (or radio). The scale model race car has a receiver which picks up the signal from the transmitter and sends the proper commands to the speed control, steering servo, and brakes. The transmitter and electronics of this hobby are quite expensive. The average cost involved are transmitter and receiver \$80, electronic speed control \$75, steering servo \$50. Those cost do not include the model R/C car, batteries, or electric motor. A complete ready-to-race 1/10 scale race car would cost about \$300.

If this "Notice of Proposed Rule-Making" is put in to effect, all of my radio equipment and race car will be unusable. Radio controlled hobbies

only use two frequency bands, 72MHz for radio controlled boats and airplanes, and 75MHz for radio controlled cars. These frequencies are the life blood of our hobby. With out them radio controlled hobbies would not exist.

These new frequency inserts that are proposed will have transmitters four time the strength of our transmitters. Although the new frequencies will not be exactly the same as ours, the tolerance in which they are required to operate could place there signal directly on ours. These new frequencies are designated as "mobile", for cellular phones, so we will never know what areas they are operating in. There are many other frequency bands to use. A solution could be to find alternative frequency bands that do not interfere with radio controlled hobbies.

Radio controlled hobbies are not only a constructive activity, they are very educational in the technologies of electronics, applied physics, and constructive thinking. As an engineering student, I have been stimulated by radio controlled hobbies to emphasize my studies in robotics and automation. I am active in local R/C clubs, and in local events. I soon hope to get involved in some national events. I urge that you help preserve these two frequency bands for the radio controlled hobbies.

Sincerely



Claude Leaym

ASU student and R/C hobbiest